Amendments to the Specification

Please replace the paragraph beginning at line 13 of page 32 as follows:

Figures 14 to 18 depict particular US-ICD embodiments of the present invention. The various sensing, shocking and pacing circuitry, described in detail above with respect to the S-ICD embodiments, may additionally be incorporated into the following US-ICD embodiments. Furthermore, particular aspects of any individual S-ICD embodiment discussed above[[,]] may be incorporated, in whole or in part, into the US-ICD embodiments depicted in the following figures.

Please replace the paragraph beginning at line 10 of page 39 as follows:

The core member of the different sized and shaped US-ICD will all be the same size and shape. That way, during an implantation ~~procedures~~ procedure, multiple sized US-ICDs can be available for implantation, each one without a core member. Once the implantation procedure is being performed, then the correct sized US-ICD can be selected and the core member can be inserted into the US-ICD and then programmed as described above. Another advantage of this configuration is when the battery within the core member needs replacing it can be done without removing the entire US-ICD.

Please replace the paragraph beginning at line 21 of page 39 as follows:

A block diagram of a power supply 100 for use in [[a]] an S-ICD device of the present invention is shown in Fig. 19. The power supply 100 is located in canister housing 16 and comprises a capacitor subsystem 102 electrically coupled to a battery subsystem 104. In an embodiment, the battery subsystem 104 comprises one or more individual battery cell(s) and the capacitor subsystem 102 comprises one or more individual capacitor(s).

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Please replace the paragraph beginning at line 5 of page 40 as follows:

In certain embodiments of the present invention, it is desirable to position the canister housing 16 in close proximity to the patient's heart, without directly contacting the heart or the ~~intrathorasic~~ intrathoracic blood vessels. In one embodiment, the canister housing 16 placement is just over the patient's ribcage.

Please replace the paragraph beginning at line 3 of page 49 as follows:

In one embodiment of the present invention, the battery cells comprise Lithium/Silver Vanadium Oxide ("LiSVO") batteries.. In this example, the LiSVO batteries have [[a]] an energy storage capacity of approximately 1/2 watt-hour/cubic centimeters per battery. Therefore, a physical volume of approximately 18 cubic centimeters of battery is required to provide 100 maximum energy shocks at approximately 207 joules of energy.

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